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ABSTRACT

This report is designed to give the reader summary information regarding vocational-technical programs offered by secondary schools in New Mexico for the 1985-1986 school year. Enrollment, programs, locations, student characteristics, and completion status for occupational programs are described. The report is presented in short narratives and tables. Appendixes list (1) secondary schools that reported student enrollment by vocational-technical programs and (2) vocational-technical programs with reported student enrollment in 1985-1986 by United States Office of Education Occupational Category. (KC)

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New Mexicans are Learning a Living
In Secondary Education
1985-1986

by
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New Mexico State University
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Introduction

Vocational-technical education at the secondary level fills an important role in New Mexico's educational system. It not only provides the secondary school population with training in fundamental skills such as typing and with opportunities to explore vocational-technical job skills, it also provides specialized training for those students who plan to terminate their formal education at the high school level or who plan to continue their job training in a vocational-technical program at one of the many postsecondary institutions in the state.

This report is designed to give the reader summary information regarding vocational-technical programs offered by secondary schools in New Mexico for the 1985-1986 school year. Enrollment, programs, locations, student characteristics, and completion status for occupational programs will be described. It is the intent of the report to provide worthwhile, timely information to those interested in vocational-technical training in New Mexico.

The Vocational-Technical Information System (VTIS) Project, located at New Mexico State University, collects student enrollment and follow-up data from school districts that offer vocational-technical programs, processes the data, and reports to the Vocational-Technical Division of the New Mexico State Department of Education. The school districts are responsible for providing accurate data to VTIS. Classification of occupational programs used in this report follows the system established by the United States Office of Education (USOE).

Enrollment

In the state of New Mexico, 188 secondary schools in 86 school districts reported enrollment in vocational-technical programs during the 1985-1986 school year. Included in this number is the New Mexico Boys School located at Springer, New Mexico. No enrollment data was reported from Cuba Independent Schools or from Zuni Public Schools. A total of 79,110 enrollment records were processed for this period. This figure cannot be considered equal to the total number of students enrolled in vocational-technical programs because an individual student may enroll in more than one vocational-technical program during the year. Appendix A lists schools that reported enrollment in vocational-technical programs during the 1985-1986 school year.

Programs

Enrollment figures were reported in 89 different vocational programs during the 1985-1986 school year. Three program categories constituted over 75% of the reported enrollment for the year. These categories include Home Economics, Business Education, and Industrial Technology. Table 1 summarizes program category enrollment by district average daily membership categories (labeled District Size) for the 1985-1986 school year. Appendix B lists vocational-technical programs and reported enrollment during the 1985-1986 year.

Table 1: District Enrollment in Vocational-Technical Programs by Program Category

Program Category		District Size					
		250 & under	251-500	501-1,000	1,001-2,000	2,000 & over	Total
Agriculture	(01)	1.0%	0.6%	0.9%	1.1%	1.2%	4.9%
Distributive Education	(04)	0.0%	0.1%	0.6%	0.3%	2.0%	3.0%
Health Occupations	(07)	0.0%	0.0%*	0.1%	0.2%	0.5%	0.8%
Home Economics	(09)	1.2%	1.5%	3.4%	4.8%	15.2%	26.0%
Office Education	(14)	0.3%	0.3%	0.7%	0.9%	3.9%	6.1%
Business Education	(15)	0.9%	1.4%	4.2%	6.5%	14.5%	27.5%
Trades & Industries	(17)	0.1%	0.2%	0.8%	1.3%	2.9%	5.3%
Industrial Technology	(18)	0.8%	1.1%	3.5%	5.2%	15.6%	26.2%
Other	(99)	0.1%	0.1%	0.0%	0.0%*	0.1%	0.3%
Total		4.4%	5.3%	14.1%	20.3%	55.9%	100.0%

*Reported enrollment was less than 0.1%.

Grade Level

New Mexico students in grades six through twelve, as well as some ungraded students, enrolled in one or more vocational-technical programs during the 1985-1986 school year. Over 75% of the enrollment records were students in grades nine through twelve. Sixth, seventh, and eighth grade students enrolled almost exclusively in Home Economics, Business Education and Industrial Technology programs. Table 2 summarizes program category enrollment by grade level for 1985-1986.

Table 2: Program Category Enrollment by Grade Level

	Grade								
Category	6	7	8	9	10	11	12	U	Total
01	0.0%	0.0%	0.1%	1.1%	1.3%	1.2%	1.1%	0.0%	4.9%
04	0.0%	0.0%	0.0%	0.0%*	0.3%	1.1%	1.6%	0.0%	3.0%
07	0.0%	0.0%*	0.0%	0.0%*	0.2%	0.3%	0.3%	0.0%	0.8%
09	1.8%	3.7%	4.2%	3.8%	4.0%	4.0%	4.5%	0.0%*	26.0%
14	0.0%	0.0%	0.0%	1.0%	1.0%	1.9%	2.2%	0.0%	6.1%
15	0.0%*	0.4%	4.1%	5.5%	6.9%	5.4%	5.2%	0.0%*	27.5%
17	0.0%	0.0%	0.0%*	0.3%	1.2%	1.8%	1.9%	0.1%	5.3%
18	1.9%	3.2%	4.3%	5.0%	4.7%	3.7%	3.4%	0.0%*	26.2%
99	0.0%	0.0%*	0.0%*	0.0%*	0.0%*	0.1%	0.1%	0.0%	0.3%
Total	3.7%	7.4%	12.7%	16.7%	19.6%	19.5%	20.3%	0.1%	100.0%

01 = Agriculture
04 = Distributive Education
07 = Health Occupations
09 = Home Economics
14 = Office Education
15 = Business Education
17 = Trades & Industries
18 = Industrial Technology
99 = Other

Ethnic Identity

Students identified as Hispanic and White (non-Hispanic) accounted for over 85% of enrollment records processed. The highest enrollment for each ethnic group was found in the same three program categories (Home Economics, Business Education, and Industrial Arts) as the overall enrollment. Table 3 summarizes program category enrollment by ethnic identity.

Table 1: Program Category Enrollment by Ethnic Identity

	Ethnic Identity						
Program Category	Native American	Asian	Black	Hispanic	White	Other	Total
Agriculture (01)	0.5%	0.0%*	0.0%*	1.4%	3.0%	0.0%	4.9%
Distributive Education (04)	0.0%*	0.1%	0.0%*	1.6%	1.3%	0.0%*	3.0%
Health Occupations (07)	0.1%	0.0%*	0.0%	0.4%	0.3%	0.0%*	0.8%
Home Economics (09)	2.9%	0.7%	0.1%	12.5%	9.6%	0.2%	26.0%
Office Education (14)	0.4%	0.1%	0.1%	2.7%	2.8%	0.0%*	6.1%
Business Education (15)	2.8%	0.5%	0.2%	12.3%	11.4%	0.3%	27.5%
Trades & Industries (17)	0.8%	0.1%	0.0%*	2.4%	2.0%	0.0%*	5.3%
Industrial Technology (18)	2.7%	0.4%	0.1%	11.5%	11.4%	0.1%	26.2%
Other (99)	0.0%*	0.0%*	0.0%	0.1%	0.1%	0.0%*	0.3%
Total	10.2%	1.9%	0.5%	44.9%	41.9%	0.6%	100.0%

*Reported enrollment is less than 0.1%.

Gender

Reported enrollment was almost equal for females and males in vocational-technical programs for the 1985-1986 academic year. Within program categories, however, female enrollment was concentrated in Home Economics and Business Education while male enrollment was concentrated in Industrial Technology. Table 4 summarizes program category enrollment by gender for the year.

Table 1: Program Category Enrollment by Gender

Program Category		Gender Female	Male	Total
Agriculture	(01)	1.3%	3.6%	4.9%
Distributive Education	(04)	1.8%	1.2%	3.0%
Health Occupations	(07)	0.7%	0.1%	0.8%
Home Economics	(09)	19.4%	6.7%	26.0%
Office Education	(14)	4.9%	1.2%	6.1%
Business Education	(15)	18.0%	9.5%	27.5%
Trades & Industries	(17)	0.8%	4.5%	5.3%
Industrial Technology	(18)	4.1%	22.1%	26.2%
Other	(99)	0.1%	0.2%	0.3%
Total		51.0%	49.0%	100.0%

Completion Status

Completion status was reported for 41,304 of the 79,110 enrollment records for the 1985-1986 academic year. Of those reporting a completion status, 65% completed the program, 4% transferred out of that program, 10% left before completing fifty percent of the program, 4% left after completing fifty percent or more of the program, and 16% plan to continue the program next year. Within program categories Home Economics had the highest completion rate (79.2%) while Industrial Technology (71.5%) and Business Education (71.4%) had the second highest completion rates. Table 5 summarizes reported program category completion status for the year.

Table 1: Program Category Completion Status

Program Category		Completion Status: Complete	Transfer	Leaver <50%	Leaver =>50%	Continue	Total
Agriculture	(01)	2.0%	0.2%	0.8%	0.4%	4.0%	7.4%
Distributive Education	(04)	2.6%	0.2%	0.5%	0.3%	1.2%	4.8%
Health Occupations	(07)	0.6%	0.0%*	0.1%	0.1%	0.1%	0.9%
Home Economics	(09)	17.1%	1.2%	1.6%	1.0%	0.7%	21.6%
Office Education	(14)	5.7%	0.4%	0.6%	0.5%	1.4%	8.6%
Business Education	(15)	21.2%	1.2%	2.9%	1.0%	3.4%	29.7%
Trades & Industries	(17)	3.1%	0.6%	1.3%	0.5%	2.9%	8.3%
Industrial Technology	(18)	13.1%	0.5%	2.0%	0.6%	2.1%	18.3%
Other	(99)	0.1%	0.0%*	0.1%	0.0%	0.1%	0.3%
Total		65.5%	4.3%	9.9%	4.4%	15.9%	100.0%

*Reported enrollment was less than 0.1%.

Appendix A: Secondary Schools That Reported Student Enrollment In Vocational-Technical Programs for 1985-1986

School District	
Albuquerque (01)	
Adams Middle	Albuquerque High
Cleveland Middle	Career Enrichment Center
Eisenhower Middle	Cibola High
Ernie Pyle Middle	Del Norte High
Garfield Middle	Eldorado High
Grant Middle	Highland High
Harrison Middle	Manzano High
Hoover Middle	New Futures School
Jackson Middle	Rio Grande High
Jefferson Middle	Sandia High
Kennedy Middle	Valley High
Lincoln Middle	West Mesa High
Madison Middle	
McKinley Middle	
Polk Middle	
Roosevelt Middle	
Taft Middle	
Taylor Middle	
Truman Middle	
Van Buren Middle	
Washington Middle	
Wilson Middle	
Reserve (02)	
	Reserve High
Quemado (03)	
	Quemado High
Roswell (04)	
Berrendo Middle	Goddard High
Mesa Middle	Roswell High
Mountain View Middle	
Sierra Middle	
Hagerman (05)	
	Hagerman High
Dexter (06)	
	Dexter High
Lake Arthur (07)	
	Lake Arthur High
Cimarron (08)	
	Cimarron High

Appendix A: Secondary Schools That Reported Student Enrollment In Vocational-Technical Programs for 1985-1986 (cont.)

Raton (09)	
Raton Junior High	Raton High
Springer (10)	
	Springer High
New Mexico Boys School	
	New Mexico Boys School
Maxwell (11)	
	Maxwell High
Clovis (12)	
Marshall Junior High	Clovis High
W. D. Gattis Junior High	
Yucca Junior High	
Texico (13)	
	Texico High
Melrose (14)	
	Melrose High
Grady (15)	
	Grady High
Fort Sumner (16)	
	Fort Sumner High
Las Cruces (17)	
Lynn Junior High	Las Cruces High
Picacho Junior High	Mayfield High
Sierra Junior High	
Zia Junior High	
Hatch (18)	
	Hatch High
Gadsden (19)	
Gadsden Junior High	Gadsden High
Santa Teresa Middle	
Carlsbad (20)	
Alta Vista Middle	Carlsbad High
Carlsbad Junior High	
Eisenhower Middle	
Loving (21)	
Loving Junior High	

Appendix A: Secondary Schools That Reported Student Enrollment In Vocational-Technical Programs for 1985-1986 (cont.)

Artesia (22)	
Park Junior High	Artesia High
Silver City (23)	
La Plata Junior High	Cliff High
	Silver High
Cobre (24)	
Snell Junior High	Cobre High
Santa Rosa (25)	
	Santa Rosa High
Vaughn (26)	
	Vaughn High
Roy (27)	
	Roy High
Mosquero (28)	
	Mosquero High
Lordsburg (29)	
	Lordsburg High
Animas (30)	
	Animas High
Lovington (31)	
Lovington Junior High	Lovington High
Eunice (32)	
Caton Junior High	Eunice High
Hobbs (33)	
Heizer Junior High	Hobbs High
Highland Junior High	
Houston Junior High	
Jal (34)	
	Jal High
Tatum (35)	
Tatum Junior High	Tatum High
Ruidoso (36)	
	Ruidoso High

Appendix A: Secondary Schools That Reported Student Enrollment In Vocational-Technical Programs for 1985-1986 (cont.)

Carrizozo (37)	
	Carrizozo High
Corona (38)	
	Corona High
Hondo Valley (39)	
	Hondo High
Capitan (40)	
	Capitan High
Los Alamos (41)	
	Los Alamos High
Deming (42)	
	Deming High
Gallup (43)	
Gallup Middle	Crownpoint High
John F. Kennedy Middle	Gallup High
Navajo Junior High	Ramah High
Tohatchi Middle	Tohatchi High
	Thoreau High
Mora (44)	
	Mora High
Wagon Mound (45)	
	Wagon Mound High
Alamogordo (46)	
Chaparral Junior High	Alamogordo High
Holloman Junior High	Center for Exceptional Children
	Mid High
	Weed High
Tularosa (47)	
	Tularosa High
Cloudcroft (48)	
	Cloudcroft High
Tucumcari (49)	
Tucumcari Junior High	Tucumcari High
House (50)	
	House High

Appendix A: Secondary Schools That Reported Student Enrollment In Vocational-Technical Programs for 1985-1986 (cont.)

Logan (51)	
	Logan High
San Jon (52)	
	San Jon High
Chama Valley (53)	
	Escalante High
Dulce (54)	
	Dulce High
Espanola (55)	
Espanola Jr. High School Town	Espanola Valley High
Jemez Mountain (56)	
	Coronado High
Portales (57)	
Portales Junior High	Portales High
Elida (58)	
	Elida High
Floyd (59)	
	Floyd High
Dora (60)	
	Dora High
Bernalillo (61)	
Bernalillo Junior High	Bernalillo High
Santo Domingo Junior High	
Jemez Springs (63)	
	Jemez Valley High
Aztec (64)	
C. V. Koogler Junior High	Aztec High
Farmington (65)	
Heights Junior High	Farmington High
Hermosa Junior High	
Tibbetts Junior High	
Bloomfield (66)	
Mesa Alta Junior High	Bloomfield High

Appendix A: Secondary Schools That Reported Student Enrollment In Vocational-Technical Programs for 1985-1986 (cont.)

Central (67)	
Central Junior High	Central High
Newcomb Junior High	Newcomb High
Tse' Bit'ai Middle	Shiprock High
West Las Vegas (68)	
	West Las Vegas High
Las Vegas City (69)	
Memorial Middle	Robertson High
Pecos (70)	
	Pecos High
Santa Fe (71)	
Capshaw Junior High	Santa Fe High
DeVargas Junior High	
Young Junior High	
Pojoaque (72)	
	Pojoaque High
Truth or Consequences (73)	
	Hot Springs High
Socorro (74)	
Socorro Middle	Socorro High
Magdalena (75)	
	Magdalena High
Taos (76)	
Taos Junior High	Taos High
Penasco (77)	
	Penasco High
Ojo Caliente (78)	
	Mesa Vista High
Questa (79)	
	Questa High
Estancia (80)	
	Estancia High
Moriarty (81)	
	Moriarty High

Appendix A: Secondary Schools That Reported Student Enrollment In Vocational-Technical Programs for 1985-1986 (cont.)

Mountainair (82)	
	Mountainair High
Clayton (84)	
	Clayton High
Des Moines (85)	
	Des Moines High
Los Lunas (86)	
Los Lunas Middle	Los Lunas High
Belen (87)	
Belen Junior High	Belen High
Grants (88)	
Laguna Acoma Middle	Grants High
Los Alamitos Middle	Laguna Acoma High

Appendix B: Vocational-Technical Programs With Reported Student Enrollment in 1985-1986 by USOE Occupational Category

USOE Category	Enrollment
01 AGRICULTURE	
Agricultural Mechanics	88
Agricultural Productions	2,978
Agriculture, Other	255
Ornamental Horticulture	525
Subtotal Agriculture	3,846
04 DISTRIBUTIVE EDUCATION	
Apparel and Accessories	53
Distributive Education, Coop	2,085
General Merchandise	206
Subtotal Distributive Education	2,344
07 HEALTH OCCUPATIONS	
Health Occupations	47
Health, Other	529
Practical Nurse	53
Subtotal Health Occupations	629
09 HOME ECONOMICS	
Child Care Guidance	386
Child Development	1,326
Clothing and Textiles	1,450
Comprehensive Home Economics	6,258
Consumer Education	886
Family Health	90
Family Relations	1,134
Foods and Nutrition	4,087
Floral Design	66
Food Mgt. Prod. Services	257
Home Economics Coop	12
Homemaking	1,247
Homemaking, Other	2,691
Hospitality Education	107
Interior Design	607
Subtotal Home Economics	20,604

Appendix B: Vocational-Technical Programs With Reported Student Enrollment in 1985-1986 by USOE Occupational Category (cont.)

USOE Categories	Enrollment
14 OFFICE EDUCATION	
Bookkeeping and Related	403
Computer Operator	34
Computer Programmer	17
Data Processing	1,821
Duplicating Word Processing	79
General Office Clerk	1,607
Office Education Coop	754
Office Education, Other	14
Personnel Training	10
Stenographer & Secretary	85
Subtotal Office Education	4,824
15 BUSINESS EDUCATION	
Accounting I	2,307
Accounting II	254
Business Education, Other	67
Business English	193
Business Law	426
Business Machines	186
Business Math	441
General Business	1,379
Recordkeeping	661
Shorthand I	859
Shorthand II	54
Typing I	12,386
Typing II	1,954
Typing III	137
Typing, Other	31
Word Processing	387
Subtotal Business Education	21,722

Appendix B: Vocational-Technical Programs With Reported Student Enrollment in 1985-1986 by USOE Occupational Category (cont.)

USOE Category	Enrollment
17 TRADES & INDUSTRIES	
Auto Body	170
Auto Mechanics	1,497
Auto Mechanics, Special	32
Building Trades	503
Cabinetmaking	19
Carpentry	3
Commercial Art	111
Communications and Media	30
Drafting	150
Electricity	14
Electronics Occupations	60
Graphics Arts	114
Industrial Electricity	2
Industrial Coop Training	900
Machinist	74
Masonry	16
Metal Work - Jewelry	105
Photography	2
Radio and TV Repair	58
Sheet Metal	3
Small Engine Repair	39
Trades & Indust., Other	31
Welder	241
Woodworking	14
Subtotal Trades & Industries	4,188

Appendix B: Vocational-Technical Programs With Reported Student Enrollment in 1985-1986 by USOE Occupational Category (cont.)

USOE Categories	Enrollment
INDUSTRIAL ARTS	
Communications	11
Comprehensive Technology	6,433
Construction	1,031
Drafting	3,053
Electricity/Electronics	298
Graphic Arts	474
Industrial Technology, Other	389
Manufacturing	685
Metals	1,970
Plastics	133
Power Mechanics	1,658
Woods	4,610
Subtotal Industrial Arts	20,745
99 OTHER	
Boys and Girls Core	83
Career Education	125
Subtotal Other	208
Total Number of Records	79,110